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1966 ABS-TM-1019	70-22030 (*)
1967 ABS-TM-1034	70-22029 (*)

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Riedel, Leonhard.
THERMAL CONDUCTIVITY MEASUREMENTS ON
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Order from SLA 58.60 TT-61-14,411

Trans. of Technische Hochschule, Karlsruhe, K51te-
technisches Institute, Wittlung (West Germany)
no. 1, 1968, 5pp. (Abstract available)
Another trans. is available from SLA 58-1435, 5p

DESCRIPTORS: • Refrigerants, Heat transfer, Liquids,
• Thermal conductivity, Measurement,
• Thermochemistry

Topics include: choice of measuring method; construc-
tion of apparatus; theoretical considerations concerning
the measuring method; electrical measurements; deter-
mination of the calibration curve; practical experiences
with the apparatus; measuring results on pure liquids;
(Chemistry--Physical, TT, v. 11, no. 11) (over)

TT-61-14,401

L. Riedel, L.

Office of Technical Services

A Method for Rendering Perceptible and Registering
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Full translation.

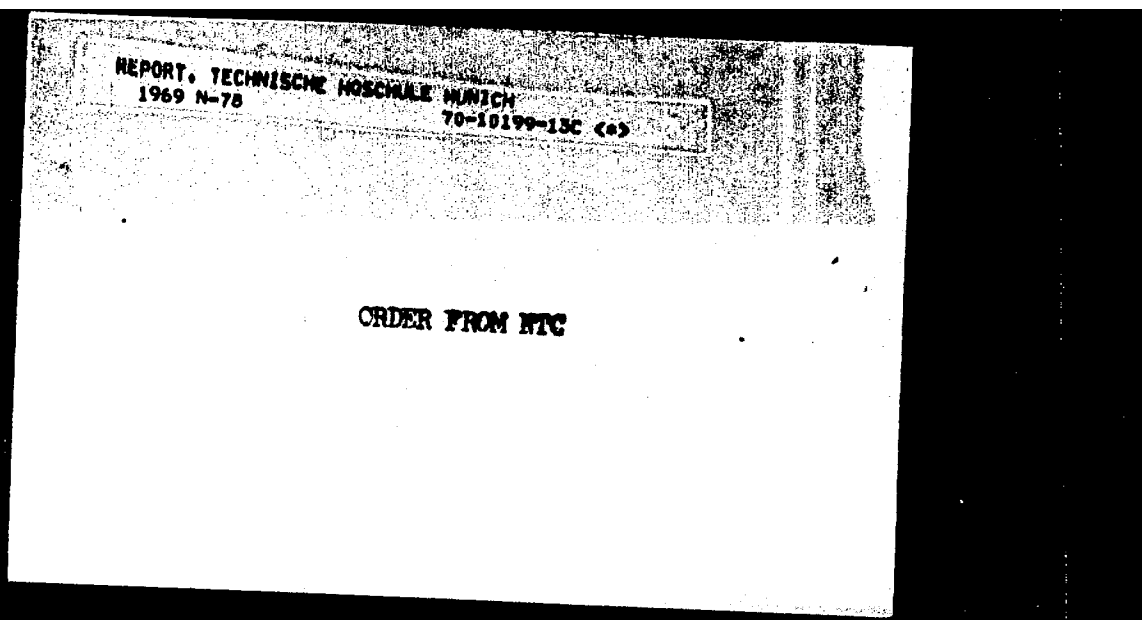
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Z GERMAN, ~~Doc~~, Technische Hochschule Stuttgart
Festschrift der Hochschule zur vollendung ihres
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AEC Tr 1602

/Scientific - Physics

^T
MM Jun 53 CWS/DNX

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Widmaier, O. and Nenninger, L.
DEVELOPMENT AND SIGNIFICANCE OF TETRA-
ETHYLLEAD AS AN ANTIKNOCK AGENT. 23 Feb 48,
40p. 302 refs.
Order from SLA \$3.60

63-14293

Trans. of [Technische Hochschule, Stuttgart.
Forschungsinstitut für Kraftfahrwesen und Fahrzeug-
motoren. Berichte] (Germany) 1942, v. 9, p. 109-121.

DESCRIPTORS: *Lead compounds, *Ethyl radicals,
Fuel additives, Antiknock, Synthetia (Chemistry),
Quantitative analysis, Physiology, Bibliographies.

Contents:

Introduction and significance of tetraethyllead as an
antiknock agent

Historical review

Preparation of tetraethyllead

Forms in which tetraethyllead is used

(Materials--Fuels, TT, v. 10, no. 6)

(over)

63-14293

1. Title: Tetraethyllead
- I. Widmaier, O.
- II. Nenninger, L.

Office of Technical Services

Kröner, Ekkehart.

GENERAL CONTINUUM THEORY OF DISLOCATIONS
AND INTERNAL STRESSES, I-II (Allgemeine Kontinu-
umtheorie der Versetzungen und Eigenspannungen).
[1962] [85]p.

Available on loan from SLA

63-10151

Trans. of thesis Technische Hochschule, Stuttgart
(West Germany) n.d. (Arch. Rational Mech. Anal., v. 4)

DESCRIPTORS: *Continuum mechanics, Nonlinear sys-
tems, Dislocations, Stresses, Elasticity, Geometry,
Differential geometry, Statics.

This work is both a review of the present-day situation
of the general nonlinear continuum theory of stationary
dislocations and internal stresses and a presentation of
new results in that field. (Author)

(Mechanics, TT, v. 9, no. 6)

63-10151

I. Kröner, E.
II. Technische Hochschule,
Stuttgart (West Germany)

Office of Technical Services

Flow Induced Vibrations of Cylinders in
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GERMAN, per, Technische Hochschule, Hydraulische Inst
Mitteilungen, No 9, 1939, pp 1-29.
*Dept of Navy/DTMB Tr 333

Sci-Engr
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RESEARCH PROGRAMME ON HEAT TRANSFER IN
A BOILING WATER REACTOR. Quarterly rept. no. 2,
Apr-June 61 [on Contract 032-60-11 RDA]. [1962] 10p.
Order from OTS or SLA \$1.10

EURAEC-158

- I. EURAEC-158
- II. EURATOM (Belgium)

Trans. of a rept. from Technische Hogeschool,
Eindhoven (Netherlands) n.d.

DESCRIPTORS: *Boiling water reactors, *Heat transfer,
Pressurized water reactors.

A capacitance gauge for measuring the void fraction
in a boiling water circuit has been improved by using an
outer electrode consisting of four small plates instead
of one of cylindrical form. A pressure gauge for meas-
uring differential pressures up to 25 cm water head with
line pressures of 30 atmospheres has been constructed
using also the capacitance method. Experiments were
(Nuclear Physics--Nuclear Engineering, TT, v. 9,
no. 5)

(over)

Office of Technical Services

62-32380

RESEARCH PROGRAMME ON HEAT TRANSFER IN
A BOILING WATER REACTOR. Quarterly rept. no. 1,
Dec 60-Mar 61 [on Contract 032-60-11 RDA]. [1962]
[43]p. 4 refs.

Order from OTS or SLA \$4.60

EURAEC-105

- I. EURAEC-105
- II. BURATOM (Belgium)

Trans. of a rept. from Technische Hogeschool,
Eindhoven (Netherlands) n.d.

DESCRIPTORS: Nuclear reactors, *Boiling water
reactors, *Heat transfer, Pressurized water reactors.

A short description is given of the pressurized boiling
loop and the two atmospheric glass loops in operation.
Progress in the development of new measuring methods
and in the improvement of existing ones is indicated.
Special attention is given to the radioactive and capaci-
tance method for determining the void fraction in a two-
(Nuclear Physics--Nuclear Engineering, TT, v. 9,
no. 5)
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Engineering Fluid Mechanics, by Charles Jaeger.

GERMAN, bk, Technische Hydraulik, 1957, 520 pp.

Dept of Interior
TR60, J343

Sci - Engr

Jan 60

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R-8195-D
18 April 67

Technische Laufwerke einschliesslich Uhren
By: Friedrich Assmus, 1958

(279 pp)

Into German - est for wds:

Please translate and type 1 original copy. Do not
mutilate original book. Xerox copy can be cut for
paste-up.

Uniforms for Generals and Officers, Blouse for
Marshals, Generals and Officers of the Red Army,
40 pp. UNCLASSIFIED

BERMAN, Technische Lieferbedingungen-Vorlaufs,
Publ by Peoples Commissariat of Defense of the USSR.

G-2, GSUSA G-2446

USSR
Military

15,071
APR 54 CTS

Technische Mechanik. 1953. W. A. Goranski

Translated from the Russian original.

DSIR 531
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The Separation of a Mixture of Carbon Monoxide,
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No 7, 1930, pp 268-76.

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Sci - Physics, Chemistry

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The Temperature and Field Velocity at a Vertical Plate,
Evolving Heat by Natural Convection ~~XXXXXXXX~~ Schmitz
W. Beckmann.

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pp 341-349, Vol I, No 11, 1930, pp 391-406.
CIA 9004655

TIL No 4769

Sci - Geophysics

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Cohen, 12 pp.

GERMAN, per, Tech Mitt, Vol III, ~~21~~ Oct
1925, pp 145-147.

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Sc - Elec Engr

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Sci - Elec Engr

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Full translation.

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No 5, 1935, pp 189-195.

Brutcher Trans No 244

Sap Scientific - Minerla/Katlas

Sep 53 CTS

\$3.80 price

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Vol V, No 1, pp 19-21.

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Sci
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Vol 3, No 1

111,003

Damping of Noise in Work Rooms; by W. Furrer, 11 pp.

GERMAN, per, Technische Mitt, Vol XVI, No ³ 8, 1 Jun
1958, pp 92-99.

SLA 58-355

Sci

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Low Voltage or Coiled-Coil Lamps, by E.
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GERMAN, per, Tech Mitt, Vol XVII, Oct 1939,
pp 180-186.

SLA Tr 57-919

Sci - Electronics
Jan 58

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The Call Transfer Device, 14 pp.

GERMAN, per, Tech Mitt, Vol XVIII, No 5, 1940,
pp 183-189.

SLA Tr 57-1103

Sci - Engineering, electricity
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23 pp.

GERMAN, per, Technische Mitteilungen, Vol XVIII,
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Ancient Means of Long-Distance Communication;
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SLA Tr 57-2454

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15 pp.

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SLA Tr 57-2082

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Sci - Electricity
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Magnetostrictive Ferrite Resonators Used as
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51 pp.

GERMAN, per, Tech Mitt, Vol XXIX, No 8, 1 Aug
1951, pp 281-297.

SLA Tr 2903

Sci - Electricity

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Oct 57

Some Peculiarities of Hydrodynamic Lubrication, by
W. Frössel,

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Sept./Oct. 1952, pp 1-4

A.E.R.E., Harwell,
T 11/3/5/233, OT/728
360 711

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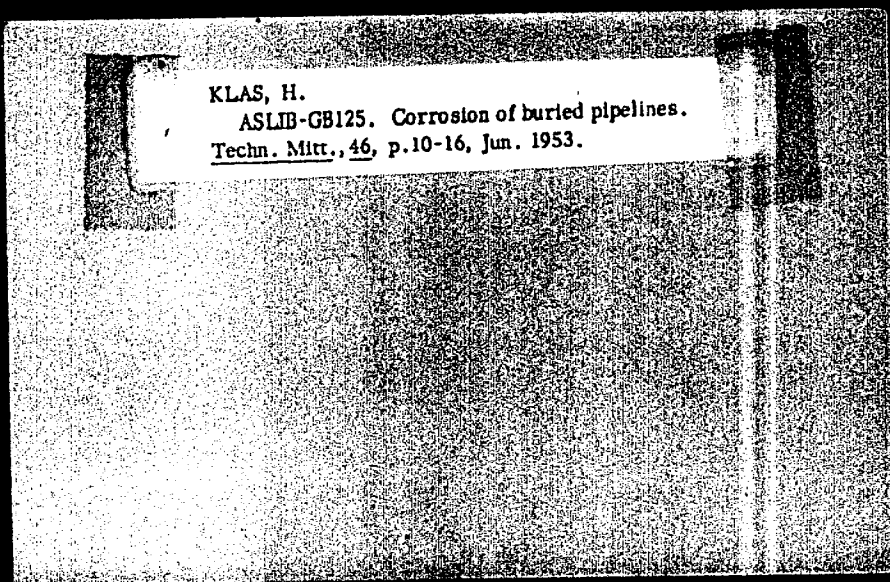
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